

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** MARK ZOLLER ET AL.

**Serial No.:** Divisional of U.S. Serial No. 10/179,373      **Group Art Unit:**  
Filed June 26, 2002

**Filed:** December 2, 2003

**Examiner:**

**Title:** BINDING ASSAYS THAT USE THE T1R2/T1R3 (SWEET)  
TASTE RECEPTOR TO IDENTIFY COMPOUNDS THAT  
ELICIT OR MODULATE SWEET TASTE

**Customer No. 23911**

**PRELIMINARY AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the above-identified patent application cancel all the original claims and insert new claims 194-252.

These claims are all directed to binding assays that utilize the T1R2/T1R3 (sweet) heteromeric taste receptor to identify compounds that bind to or which modulate (enhance or inhibit) the binding of another compound to the T1R2/T1R3 sweet taste receptor.

These compounds are potentially useful for enhancing or inhibiting sweet taste in humans and animals, and potentially can be used as flavor additives in foods and beverages for human or animal consumption.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the claims are reflected in the listing of claims beginning page 4 of this paper.

A new Title is identified on page 12.

A new Abstract of the Disclosure is submitted herewith (attached as a separate page to this Preliminary Amendment).

Remarks begin on page 14 of this paper.